

To: Miller, Johanna[Miller.Johanna@epa.gov]
From: OBrien, Wendy
Sent: Fri 8/14/2015 3:02:36 PM
Subject: FW: Corrected highlighted table - Sample summary Table 20150813 - R8 Sediment and Potable Water
Corrected Sample Summary Table_20150813.xlsx

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

USEPA Region 8

1595 Wynkoop Street

Denver, CO 80202

Phone: 303.312.6712

FAX: 303.312.7151

From: OBrien, Wendy
Sent: Friday, August 14, 2015 8:49 AM
To: Keteles, Kristen
Subject: FW: Corrected highlighted table - Sample summary Table 20150813 - R8 Sediment and Potable Water
Importance: High

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

USEPA Region 8
1595 Wynkoop Street
Denver, CO 80202

Phone: 303.312.6712

FAX: 303.312.7151

From: OBrien, Wendy
Sent: Friday, August 14, 2015 8:43 AM
To: Wagner, Christine; McKean, Deborah; Wall, Dan
Subject: Corrected highlighted table - Sample summary Table 20150813 - R8 Sediment and Potable Water
Importance: High

Here is the CORRECT table to use to look at exceedances for sediment and potable water.

Results reported in the text of my previous emails are correct and are copied below for your convenience. Sorry for any confusion this may have caused.

All results fall below the recreational screening levels.

Here are some quick stats on the data:

Arsenic results range from 3.69-9.31 mg/kg

Lead results range from 86-496 mg/kg (all but one sample fall below 400)

Mercury ranges from 0.01- 0.05

Thallium had 2 detects (1.74 and 1.91 mg/kg) and 9 NDs.

Potable water results:

Antimony: 1 exceedance (19 ug/L) of MCL (6 ug/L)

Arsenic: 1 exceedance (25 ug/L) of MCL (10 ug/L)

Iron: 3 exceedances (310-880 ug/L) of secondary MCL (300 ug/L)

Lead: 2 exceedances (20 and 30 ug/L) of MCL (15 ug/L)

Manganese: 1 exceedance (320 ug/L) of secondary MCL (50 ug/L)

The well IDs where exceedances occur are as follows:

GKMTW24: iron (600 ug/L)

GKMTW27: lead (30 ug/L)

GKMTW28: lead (20 ug/L); antimony (19 ug/L)

GKMTW 33: iron (310 ug/L); arsenic (25 ug/L); manganese (320 ug/L)

GKMTW34: iron (880 ug/L)

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

USEPA Region 8
1595 Wynkoop Street
Denver, CO 80202

Phone: 303.312.6712

FAX: 303.312.7151

From: OBrien, Wendy
Sent: Friday, August 14, 2015 8:24 AM
To: Wagner, Christine; McKean, Deborah; Wall, Dan
Subject: Potable water results -Sample summary Table 20150813 - R8 Sediment and Potable Water

Potable water results:

Antimony: 1 exceedance (19 ug/L) of MCL (6 ug/L)

Arsenic: 1 exceedance (25 ug/L) of MCL (10 ug/L)

Iron: 3 exceedances (310-880 ug/L) of secondary MCL (300 ug/L)

Lead: 2 exceedances (20 and 30 ug/L) of MCL (15 ug/L)

Manganese: 1 exceedance (320 ug/L) of secondary MCL (50 ug/L)

The well IDs where exceedances occur are as follows:

GKMTW24: iron (600 ug/L)

GKMTW27: lead (30 ug/L)

GKMTW28: lead (20 ug/L); antimony (19 ug/L)

GKMTW 33: iron (310 ug/L); arsenic (25 ug/L); manganese (320 ug/L)

GKMTW34: iron (880 ug/L)

For both potable water and sediment, I've highlighted exceedances in the table (attached).

Let me know what else I can do to help.

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

USEPA Region 8

1595 Wynkoop Street

Denver, CO 80202

Phone: 303.312.6712

FAX: 303.312.7151

From: Wagner, Christine

Sent: Friday, August 14, 2015 6:39 AM

To: McKean, Deborah; Smith, Terry; OBrien, Wendy; Wall, Dan

Subject: FW: Sample Summary Table 20150813 - R8 Sediment and Potable Water

All,

Here is the validated R8 sediment and potable water data for your review. Terry, this is going to you at the same time as Deb, so please understand that this has not yet undergone review here at Area Command.

Thank you
Chris

Chris Wagner, OSC

EPA Region III

804-337-3049

wagner.christine@epa.gov

From: Latham (Polinko), Janine [<mailto:Janine.Latham@WestonSolutions.com>]
Sent: Friday, August 14, 2015 3:11 AM
To: Wagner, Christine; McComb, Martin; Delgado, Eric; Nattis, Randy; Burgo, Daniel
Cc: Brad.Morgan@WestonSolutions.com
Subject: Sample Summary Table 20150813

Attached you can find the summary of validated analytical data through 8/13/2014.

NOTE: for R8 Potable Water and Sediment Analytical data has been added to the delivery in addition to the Surface Water.

Thanks

Janine Polinko Latham

Technical Manager

Weston Solutions, Inc.

3900 Dallas Pkwy, Ste. 175

Plano, TX 75093

215.620.5664 – cell

469.666.5511- office

janine.latham@westonsolutions.com

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.